

Rack Installation Instructions

hp ProLiant DL100 Storage Server



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Printed in the U.S.A.

HP ProLiant DL100 Storage Server
Rack Installation Instructions
Second Edition (September 2004)
Part Number: 372017-002



This document is for the person who installs, administers, and troubleshoots servers and storage systems. HP assumes you are qualified in the servicing computer equipment and trained in recognizing hazards in products with hazardous energy levels.

Operating system

The HP ProLiant DL100 Storage Server is preloaded with the Windows® Storage Server 2003 operating system. Prior to power up, deployment instructions found in the "Installation Guide" should be followed to enable the successful configuration of the storage server in addition to the guidelines found below.

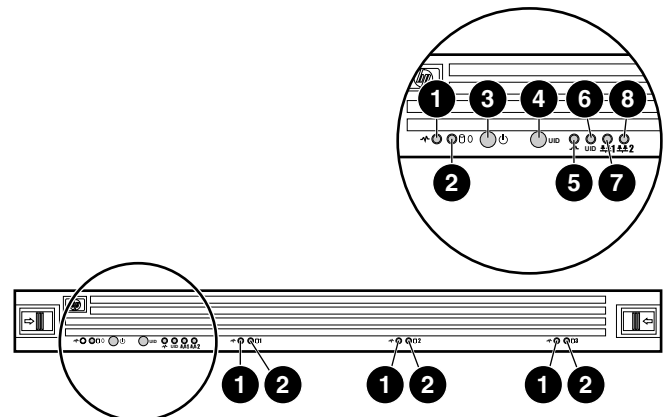
Required Items:

- Installation Guide
- Administration Guide

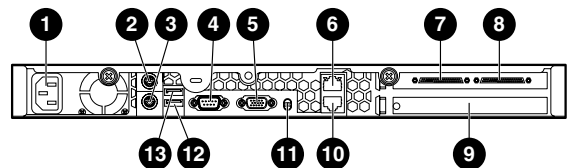
To begin the first-time startup procedure:

- Be sure that the server is safely installed in an adequate environment.
- Be sure that the power cables and peripheral devices are plugged in and AC power is supplied to the server.
- Refer to the Installation Guide prior to powering up the server.

Front and rear views

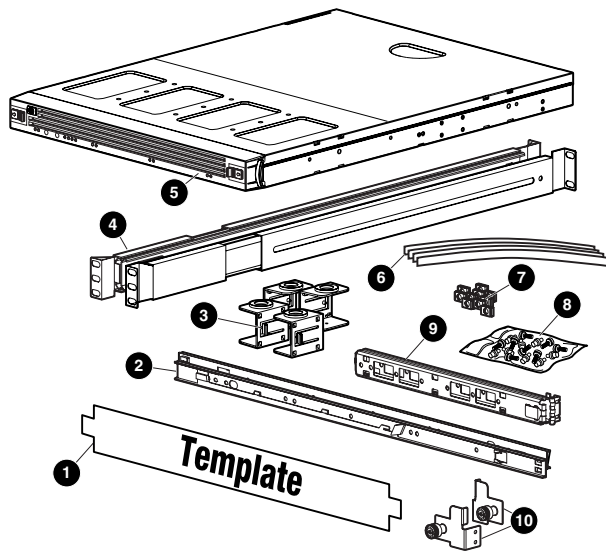


- | | |
|------------------------------|----------------------|
| ① Reserved | ⑤ Power LED |
| ② Hard drive status/activity | ⑥ UID LED |
| ③ Power button | ⑦ NIC 1 activity LED |
| ④ UID button | ⑧ NIC 2 activity LED |



- | | |
|---------------------|--|
| ① Power connector | ⑦⑧ HP SCSI Ultra 160 Dual Port |
| ② Mouse (green) | ⑨ Adaptec 2410SA HW RAID 4 Port SATA controller (internal) |
| ③ Keyboard (purple) | ⑩ NIC 2 (Eth 1) |
| ④ Serial (teal) | ⑪ UID light and button |
| ⑤ Video (blue) | ⑫⑬ USB |
| ⑥ NIC 1 (Eth0) | |

Contents



- | | |
|--|------------------------|
| 1 Rack Template | 6 Velcro straps |
| 2 Inner slide rails (removed for clarity) | 7 Cage Nuts |
| 3 Stacking feet | 8 Mounting screws |
| 4 Inner slide rails | 9 Cable management arm |
| 5 Server | 10 Thumbscrew brackets |

Warnings and Cautions



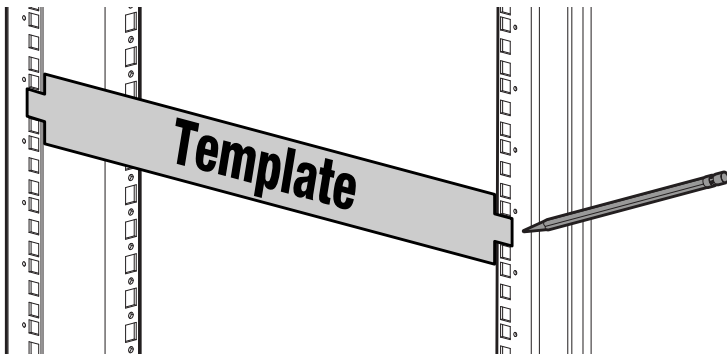
WARNING: Before you begin, make sure that the rack is sufficiently stable. If provided, lower the rack leveler feet and make sure any required stabilizers are installed. If provided, extend the rack anti-tip device. Failure to extend the anti-tip device could result in personal injury or damage if the rack tips over.



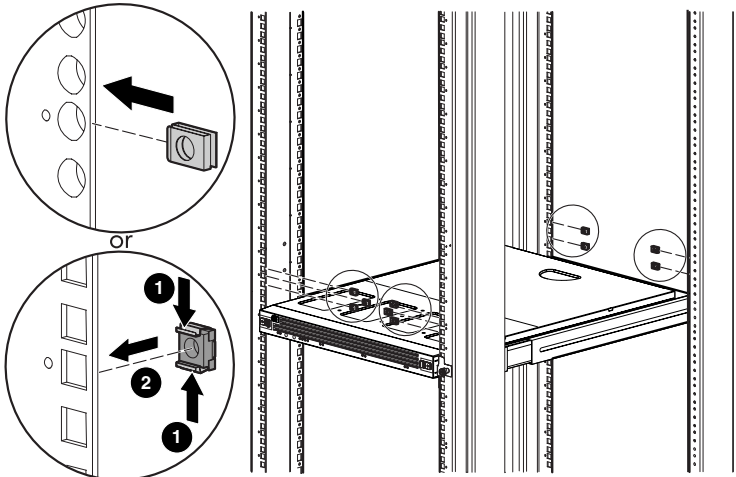
CAUTION: Make sure that the rack and all equipment mounted in the rack have a reliable ground connection. Verify that the total current of the rack components does not exceed the current rating of the power distribution unit or outlet receptacles.

1 Rack preparation

1. Mark the front and back rack holes for the cage nuts.

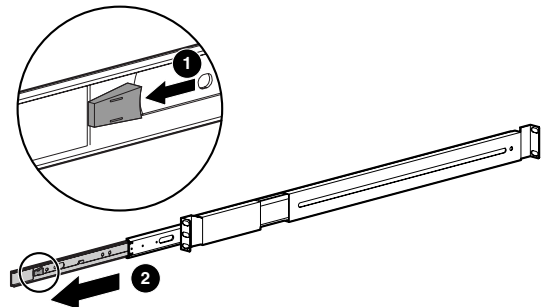


2. Install cage nuts.



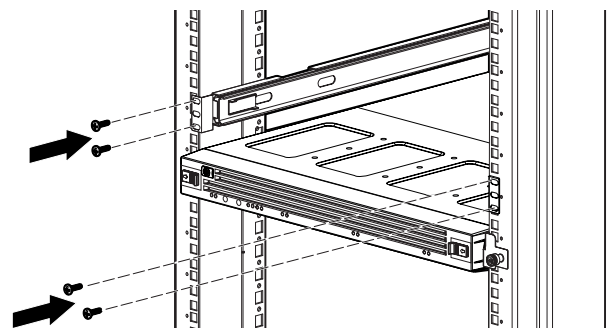
2 Slide rail installation

1. Remove inner slides from slide rails:
 - a. Extend inner slides until they lock.
 - b. Press green tab to release; pull out inner slide.



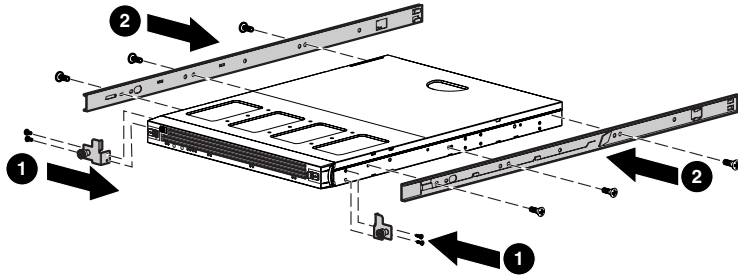
2. Install slide rails in rack.

IMPORTANT: Leave back screws slightly loose until step 4, "Server installation" is complete.

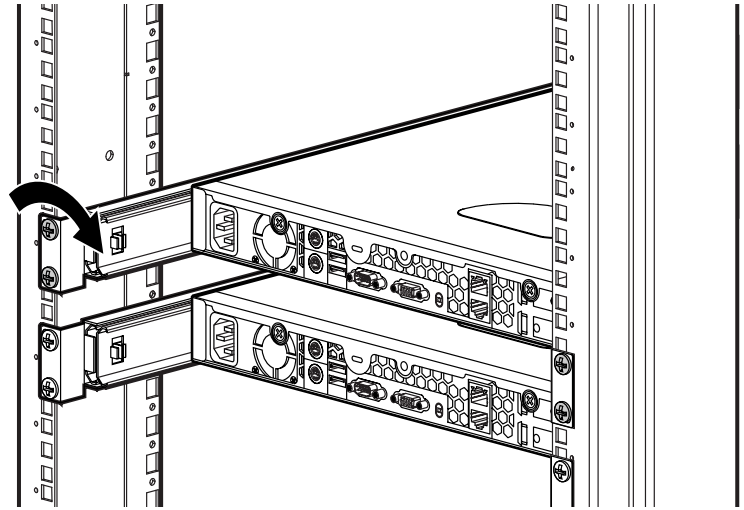


3 Server preparation

1. Attach thumbscrew brackets.
2. Attach inner slides.

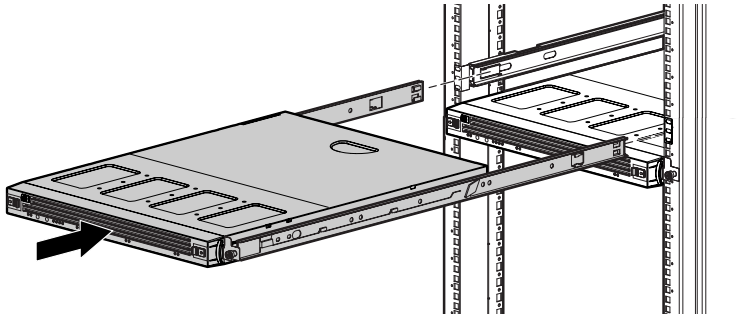


4. Tighten rear slide rail screws.

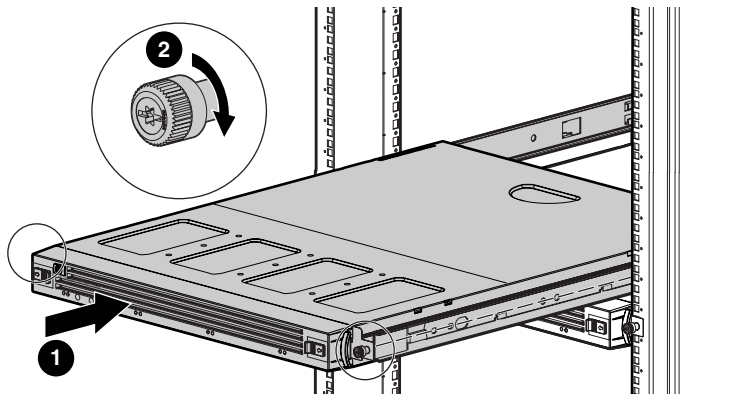


4 Server installation

1. Insert inner slide into slide rails. Push server into rack until inner slides lock into the slide rails.

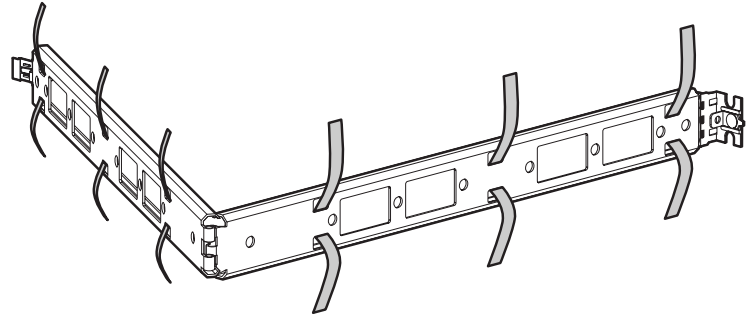


2. Slide server in and out several times to align slide rails in the back.
3. Tighten front thumbscrews.

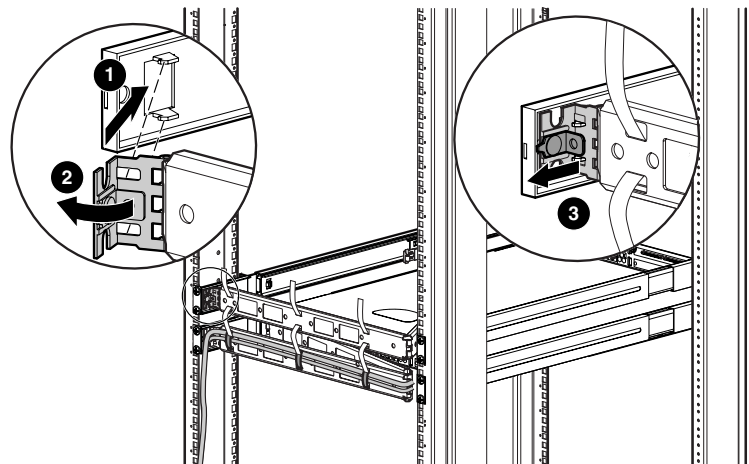


5 Cable arm installation

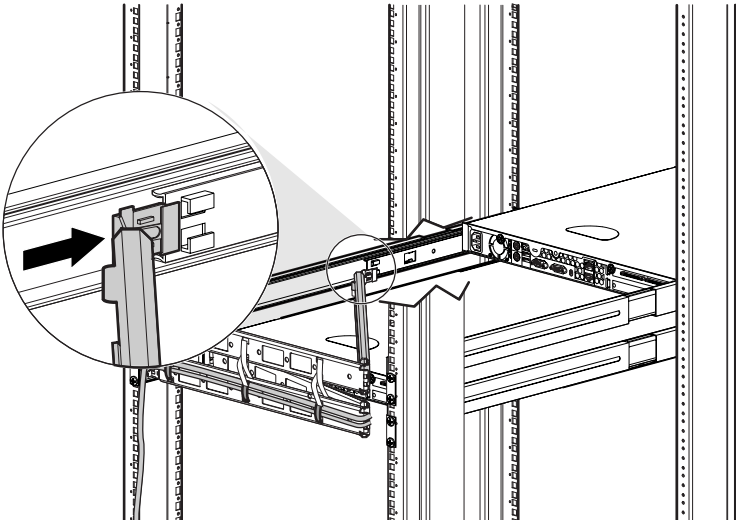
1. Thread velcro straps through the cable management arm.



2. Attach the cable management arm:
 - a. Insert the cable arm's hinged bracket into the slide rails rear receiving hooks ①.
 - b. Rotate the bracket forward until spring loaded tab ② locks.

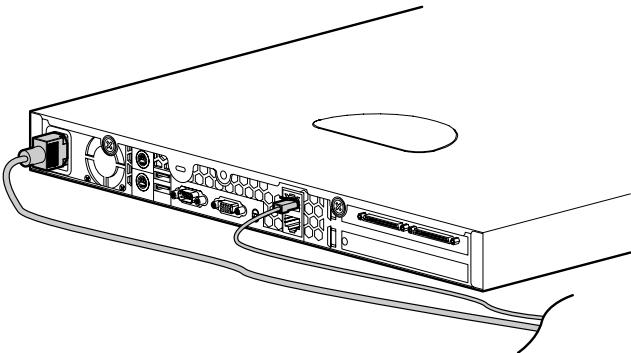


3. Insert the front of the cable management arm into the receiving clip of the slide rail.

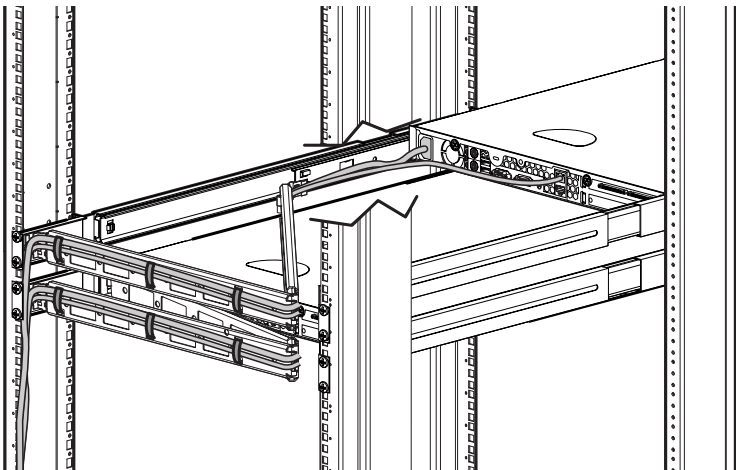


6 Cables

1. Install cables.

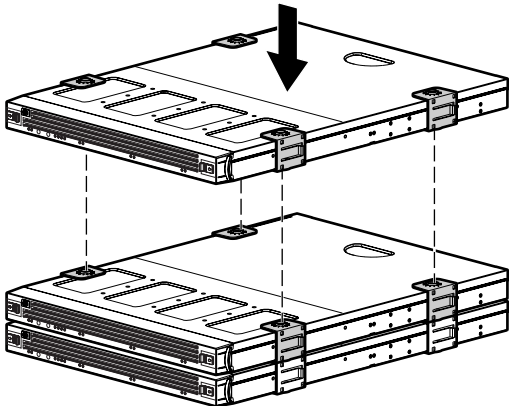
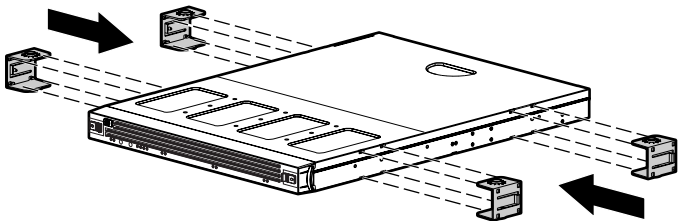


2. Use velcro straps to secure cables to management arm.



Stacking option

As an alternative to rack installation, up to four storage servers can be stacked with the optional stacking feet.



Product documentation

| | |
|--|---|
| <i>Installation Instructions</i> | rack installation instructions |
| <i>Rack template</i> | tool used during rack installation |
| <i>Installation Guide</i> | requirements and configuration options |
| <i>Administration Guide</i> | provides administrative and procedural instructions to manage the storage server |
| <i>Documentation CD</i> | contains electronic versions of: <ul style="list-style-type: none">■ Administration Guide■ Installation Guide■ Rack Installation Instructions |
| <i>HP Warranty fulfillment document</i> | provides instructions to obtain a printed warranty |
| <i>HP Important Safety Information booklet</i> | Safety information for HP storage, power, networking and rack products |